09/ 910,702

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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27	Oct 21	EVENTLINE has been reloaded
NEWS 28	Oct 24	BEILSTEIN adds new search fields
NEWS 29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 31	Nov 18	DKILIT has been renamed APOLLIT
NEWS 32	Nov 25	More calculated properties added to REGISTRY
NEWS 33	Dec 02	TIBKAT will be removed from STN
NEWS 34	Dec 04	CSA files on STN
NEWS 35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36	Dec 17	TOXCENTER enhanced with additional content
NEWS 37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 38	Dec 30	ISMEC no longer available
NEWS 39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS 41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS 42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC

NEWS EXPRESS	January 6 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability

09/ 910,702

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 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 14:53:34 ON 30 JAN 2003

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

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STRUCTURE FILE UPDATES:   28 JAN 2003  HIGHEST RN 482573-45-5
DICTIONARY FILE UPDATES:  28 JAN 2003  HIGHEST RN 482573-45-5

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

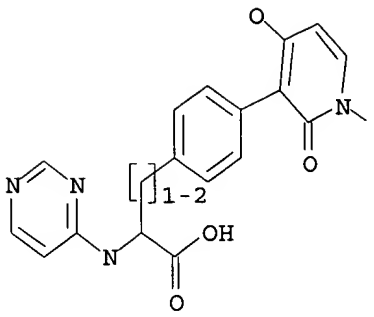
Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09910702.str

L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
```

09/ 910,702



Electr
spec

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 14:54:39 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      0 TO ITERATE

100.0% PROCESSED       0 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.07

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            0 TO        0
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 14:54:55 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      5 TO ITERATE

100.0% PROCESSED       5 ITERATIONS                              1 ANSWERS
SEARCH TIME: 00.00.01

L3            1 SEA SSS FUL L1

=> file marpat
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                     ENTRY    SESSION
FULL ESTIMATED COST                                148.55     148.76

FILE 'MARPAT' ENTERED AT 14:55:09 ON 30 JAN 2003
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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 138 ISS 4)(20030124/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US     6500220 31 DEC 2002
DE    20211496 19 NOV 2002
EP     1269992 01 JAN 2003
JP 2002373833 26 DEC 2002
WO 2003000260 03 JAN 2003

Structure search limits have been raised.  See HELP SLIMIT for the new,
```

higher limits.

```
=> s l1 ful
FULL SEARCH INITIATED 14:55:17 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED -   2248 TO ITERATE

 99.6% PROCESSED    2238 ITERATIONS                                1 ANSWERS

100.0% PROCESSED    2248 ITERATIONS                                1 ANSWERS
SEARCH TIME: 00.00.36

L4            1 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     104.95     253.71

FILE 'CAPLUS' ENTERED AT 14:56:06 ON 30 JAN 2003
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FILE COVERS 1907 - 30 Jan 2003  VOL 138 ISS 5
FILE LAST UPDATED: 29 Jan 2003  (20030129/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> s l4
L5            1 L4

=> d l5 1- ibib abs hitstr
YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y

L5   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2003 ACS
ACCESSION NUMBER:         2002:90022  CAPLUS
DOCUMENT NUMBER:          136:129056
TITLE:                    .alpha.-Amino acid derivatives for inhibitors of
                          leukocyte adhesion mediated by VLA-4
INVENTOR(S):              Konradi, Andrei W.; Pleiss, Michael A.; Thorsett,
                          Eugene D.; Ashwell, Susan; Welmaker, Gregory S.;
                          Kreft, Anthony; Sarantakis, Dimitrios; Dressen, Darren
                          B.; Grant, Francine S.; Semko, Christopher; Xu,
                          Ying-Zi
PATENT ASSIGNEE(S):       Elan Pharmaceuticals, Inc., USA; American Home
                          Products Corporation
SOURCE:                   PCT Int. Appl., 125 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
```

09/ 910,702

prepaint version

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002008202	A2	20020131	WO 2001-US23075	20010720

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2002052470	A1	20020502	US 2001-910702	20010720

PRIORITY APPLN. INFO.: US 2000-220132P P 20000721
OTHER SOURCE(S): MARPAT 136:129056

AB Disclosed are certain .alpha.-amino acid compds. which bind VLA-4. Certain of these compds. also inhibit leukocyte adhesion and, in particular, leukocyte adhesion mediated by VLA-4. Such compds. are useful in the treatment of inflammatory diseases in a mammalian patient, e.g., human, such as asthma, Alzheimer's disease, atherosclerosis, AIDS dementia, diabetes, inflammatory bowel disease, rheumatoid arthritis, tissue transplantation, tumor metastasis and myocardial ischemia. The compds. can also be administered for the treatment of inflammatory brain diseases such as multiple sclerosis. Prepn. of N-[5-(2,2,2-trifluoroethyl)pyrimidin-4-yl]-L-4'-(1-methyl-4-methoxy-2-pyridon-3-yl)phenylalanine is described.

=> d his

(FILE 'HOME' ENTERED AT 14:53:34 ON 30 JAN 2003)

FILE 'REGISTRY' ENTERED AT 14:53:42 ON 30 JAN 2003
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 1 S L1 FUL

FILE 'MARPAT' ENTERED AT 14:55:09 ON 30 JAN 2003
L4 1 S L1 FUL

FILE 'CAPLUS' ENTERED AT 14:56:06 ON 30 JAN 2003
L5 1 S L4

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.83	256.54

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.65	-0.65

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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
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NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
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NEWS 40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
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NEWS 42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC

NEWS EXPRESS	January 6 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 15:04:45 ON 30 JAN 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:05:05 ON 30 JAN 2003
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STRUCTURE FILE UPDATES: 28 JAN 2003 HIGHEST RN 482573-45-5
DICTIONARY FILE UPDATES: 28 JAN 2003 HIGHEST RN 482573-45-5

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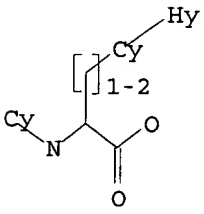
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09910702.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Broad search

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 15:05:28 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -  59715 TO ITERATE

  1.7% PROCESSED    1000 ITERATIONS                                0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:      EXCEEDS 1000000
PROJECTED ANSWERS:         EXCEEDS       0

L2             0 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 15:05:34 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

<  32.6% PROCESSED  389570 ITERATIONS  (     1 INCOMPLETE)        4 ANSWERS

<  33.5% PROCESSED  400000 ITERATIONS  (     1 INCOMPLETE)        4 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.39

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:      EXCEEDS 1000000
PROJECTED ANSWERS:         EXCEEDS       4

L3             4 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                             148.55     148.76

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FILE COVERS 1907 - 30 Jan 2003  VOL 138 ISS 5
FILE LAST UPDATED: 29 Jan 2003  (20030129/ED)

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  substance identification.
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=> s l3
L4 2 L3

=> d l4 1- ibib abs hitstr
YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:670837 CAPLUS
TITLE: Supramolecular organization of oligopeptides, through complexation with surfactants
AUTHOR(S): General, Sascha; Antonietti, Markus
CORPORATE SOURCE: Max Planck Institute of Colloids and Interfaces, Potsdam-Golm, 14424, Germany
SOURCE: Angewandte Chemie, International Edition (2002), 41(16), 2957-2960
CODEN: ACIEF5; ISSN: 1433-7851
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Oligopeptides with a small no. of charged sites can be pptd. from water by complexation with oppositely charged surfactants, as exemplified here with oxidized glutathione, GSSG. These complexes are well-defined 1:1 species, dissolve in org. solvents, and form highly organized supramol. aggregates (soln.) or mesophases (solid-state films). This ionic self-assembly with surfactants represents a simple access to new peptide superstructures with structural features on the nanometer scale.
IT **480436-78-0**
RL: PRP (Properties)
(prepn. and properties of oligopeptide-surfactant superassemblies)
RN 480436-78-0 CAPLUS
CN Glycine, L-.gamma.-glutamyl-L-cysteinyl-, bimol. (2.fwdarw.2')-disulfide, mixt. with soya lecithins (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:526075 CAPLUS
DOCUMENT NUMBER: 135:122506
TITLE: Preparation of 2-amino-2-(aryl or heteroaryl)propanoic acid derivatives and related compounds as non-peptidyl inhibitors of VLA-4 dependent cell binding useful in treating inflammatory, autoimmune, and respiratory diseases
INVENTOR(S): Chupak, Louis Stanley; Duplantier, Allen Jacob; Lau, Wan Fang; Milici, Anthony John
PATENT ASSIGNEE(S): Pfizer Products Inc., USA
SOURCE: PCT Int. Appl., 182 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001051487	A1	20010719	WO 2000-IB1893	20001215

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,

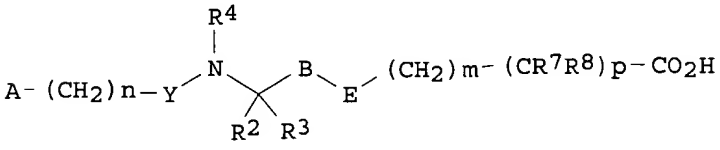
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

BR 2000016818	A	20021001	BR 2000-16818	20001215
EP 1244656	A1	20021002	EP 2000-983429	20001215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2002049236	A1	20020425	US 2000-747246	20001221
US 2003004196	A1	20030102	US 2002-170289	20020612
NO 2002003085	A	20020626	NO 2002-3085	20020626

PRIORITY APPLN. INFO.: US 1999-173260P P 19991228
WO 2000-IB1893 W 20001215
US 2000-747246 B3 20001221

OTHER SOURCE(S): MARPAT 135:122506

GI



I

AB There is disclosed a genus of non-peptidyl compds. represented by formula A-(CH2)n-Y-N(R4)-CR2R3-B-E-(CH2)m-(CR7R8)p-CO2H [A is (un)substituted C1-C6 alkyl, cycloalkyl, aryl, heteroaryl or heterocyclyl, A1-NHCONH-A2, A1-NHCO2-A2, A1-O2CNH-A2, A1-NHSO2NH-A2, A1-NHCO-A2, A1-CONH-A2, A-NHSO2-A2, etc. (where A1, A2 = H, (un)substituted aryl, C1-6 alkyl, C2-6 alkenyl, C2-6 alkynyl, cycloalkyl, heteroaryl, or heterocyclyl); E = a single bond, O, (un)substituted NH, CH:CH, C.tplbond.C, S, SO, SO2, (un)substituted CH2NH or CH2; B = Q-Q8 (proviso provided), etc. (where X = O, CO, S, SO, SO2, optionally substituted NH; X1, X2, X3 = optionally substituted CH, N; Y = a single bond, CO, CS, SO2); m = 0,1; n = 0-2; R2, R3 = H, (un)substituted C1-6 alkyl, C2-6 alkenyl, C3-14 carbocyclyl, heterocyclyl, C1-6 alkyl-OR5, C1-6 alkyl-SR5, C1-6 alkyl-SO2R5, heteroaryl, or aryl (where R5, R6 = H, optionally substituted C1-6 alkyl, C2-6 alkenyl, C2-6 alkynyl, aryl, cycloalkyl, heteroaryl, or heterocyclyl, CF3); R4 = H, (un)substituted C1-6 alkyl; R7 = C1-6 alkyl, (CH2)kOR5, (CH2)kCOR5, (CH2)kCONR6R5, (CH2)kNR6COR5, (CH2)k CO2 R5, (CH2)kNR6SO2R5, (CH2)kNR6R5, F, CF3, etc.; R8 = H, cyano, C1-6 alkyl or alkoxy]. These compds. are active as potent inhibitors of the binding of very late antigen-4 (VLA-4) to proteins such as vascular cell adhesion mol.-1 (VCAM-1), the HepII/IIICS domain (CS-1 region) of fibronectin and osteopontin (no data). They are effective for preventing, inhibiting, suppressing or reducing cell adhesion and consequent or assocd. pathogenic processes subsequently mediated by VLA-4. They are useful in treating inflammatory, autoimmune, and respiratory diseases which are selected from asthma, multiple sclerosis, rheumatoid arthritis, osteoarthritis, inflammatory bowel disease, psoriasis, host rejection following organ transplantation, atherosclerosis, and other diseases mediated by or assocd. with VLA-4. Thus, 3,5-dichlorobenzenesulfonyl chloride (86.7 mg) was added to a soln. of 2-allyloxycarbonylamino-3-(3-pyrrolidin-2-ylisoxazol-5-yl)propionic acid Et ester hydrochloride (110 mg) and sodium carbonate (93.5 mg) in water (1.5 mL) and stirred overnight to give 37% 2-Allyloxycarbonylamino-3-[3-[1-(3,5-dichlorobenzenesulfonyl)pyrrolidin-2-y]isoxazol-5-yl]propionic acid Et ester which (59 mg) was stirred with 2 M aq. LiOH (0.5 mL) at room temp. for 40 min and acidified to pH 1 with 1 M HCl t give 91% 2-Allyloxycarbonylamino-3-[3-[1-(3,5-dichlorobenzenesulfonyl)pyrrolidin-2-y]isoxazol-5-yl]propionic acid.

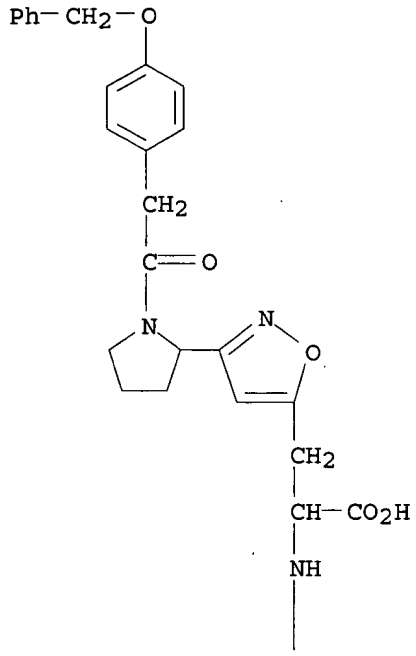
IT **350675-19-3P 350675-20-6P 350675-21-7P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of amino(aryl or heteroaryl)propanoic acid derivs. and related compds. as non-peptidyl inhibitors of VLA-4 dependent cell binding for treating inflammatory, autoimmune, and respiratory diseases)

RN 350675-19-3 CAPLUS

CN 5-Isoxazolepropanoic acid, 3-[1-[[4-(phenylmethoxy)phenyl]acetyl]-2-pyrrolidinyl]-.alpha.-(2-pyridinylamino)- (9CI) (CA INDEX NAME)

PAGE 1-A



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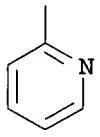

RN 350675-20-6 CAPLUS

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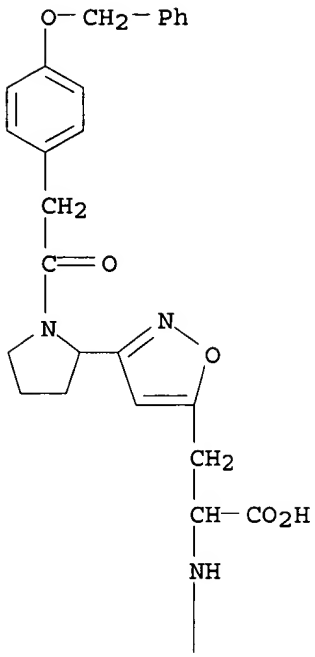
PAGE 1-A



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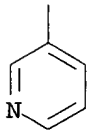

RN 350675-21-7 CAPLUS
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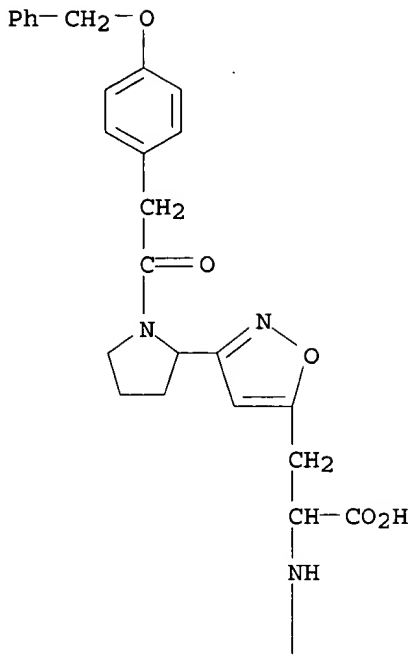

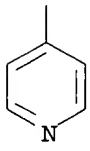

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 15:04:45 ON 30 JAN 2003)

FILE 'REGISTRY' ENTERED AT 15:05:05 ON 30 JAN 2003
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 4 S L1 FUL

FILE 'CAPLUS' ENTERED AT 15:06:32 ON 30 JAN 2003
L4 2 S L3

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.67	156.43
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.30	-1.30

09/ 910,702

STN INTERNATIONAL LOGOFF AT 15:07:08 ON 30 JAN 2003

Welcome to STN International! Enter x:x

LOGINID:ssspta1202txn

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27	Oct 21	EVENTLINE has been reloaded
NEWS 28	Oct 24	BEILSTEIN adds new search fields
NEWS 29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 31	Nov 18	DKILIT has been renamed APOLLIT
NEWS 32	Nov 25	More calculated properties added to REGISTRY
NEWS 33	Dec 02	TIBKAT will be removed from STN
NEWS 34	Dec 04	CSA files on STN
NEWS 35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36	Dec 17	TOXCENTER enhanced with additional content
NEWS 37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 38	Dec 30	ISMEC no longer available
NEWS 39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS 41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS 42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC

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 NEWS EXPRESS  January 6 CURRENT WINDOWS VERSION IS V6.01a,
               CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
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 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 15:11:42 ON 30 JAN 2003

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'REGISTRY' ENTERED AT 15:11:52 ON 30 JAN 2003
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES:   28 JAN 2003  HIGHEST RN 482573-45-5
DICTIONARY FILE UPDATES:  28 JAN 2003  HIGHEST RN 482573-45-5

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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Uploading 09910702.str

L1      STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1              STR
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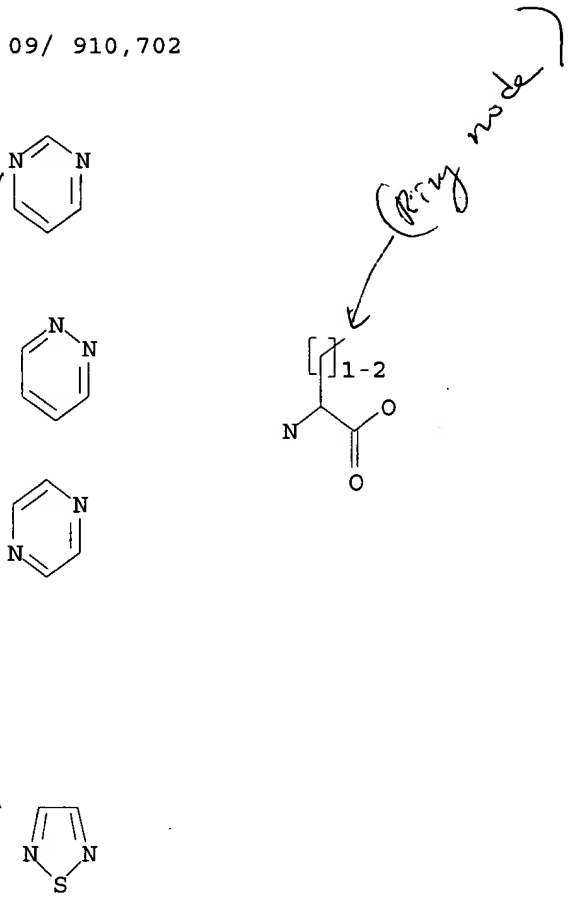
09/ 910,702

float fragments



Structure attributes must be viewed using STN Express query preparation.

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100.0% PROCESSED       0 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            0 TO        0
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 ful
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100.0% PROCESSED       1 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01

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COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                             148.55     148.76

FILE 'MARPAT' ENTERED AT 15:12:55 ON 30 JAN 2003
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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 138 ISS 4)(20030124/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US   6500220 31 DEC 2002
DE   20211496 19 NOV 2002
EP   1269992 01 JAN 2003
JP 2002373833 26 DEC 2002
WO 2003000260 03 JAN 2003

Structure search limits have been raised. See HELP SLIMIT for the new,
higher limits.

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L2   0 S L1
L3   0 S L1 FUL

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100.0% PROCESSED   32 ITERATIONS (1 INCOMPLETE)   1 ANSWERS
SEARCH TIME: 00.00.19

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                        BATCH   **COMPLETE**
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PROJECTED ANSWERS: 1 TO   80

L4   1 SEA SSS SAM L1

=> s l1 ful
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FULL SCREEN SEARCH COMPLETED -   700 TO ITERATE

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 96.3% PROCESSED   674 ITERATIONS (3 INCOMPLETE)   3 ANSWERS

100.0% PROCESSED   700 ITERATIONS (7 INCOMPLETE)   7 ANSWERS
SEARCH TIME: 00.00.48

L5   7 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                 ENTRY   SESSION
FULL ESTIMATED COST   105.35   254.11

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FILE 'CAPLUS' ENTERED AT 15:14:36 ON 30 JAN 2003
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FILE COVERS 1907 - 30 Jan 2003 VOL 138 ISS 5
FILE LAST UPDATED: 29 Jan 2003 (20030129/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L6 7 L5

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YOU HAVE REQUESTED DATA FROM 7 ANSWERS - CONTINUE? Y/(N):y

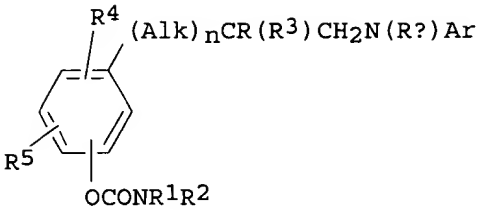
L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:90026 CAPLUS
DOCUMENT NUMBER: **136:135019**
TITLE: Preparation of 3-amino-2-(4-aminocarbonyloxy)phenyl-propionic acid derivatives as antiinflammatory agents and .alpha.4 Integrin inhibitors
INVENTOR(S): Konradi, Andrei W.; Pleiss, Michael A.; Thorsett, Eugene D.; Ashwell, Susan; Welmaker, Gregory S.; Kreft, Anthony; Sarantakis, Dimitrios; Dressen, Darren B.; Grant, Francine S.; Xu, Ying-Zi
PATENT ASSIGNEE(S): Elan Pharmaceuticals, Inc., USA; American Home Products Corporation
SOURCE: PCT Int. Appl., 137 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002008206	A1	20020131	WO 2001-US23073	20010720
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002055509	A1	20020509	US 2001-910685	20010720

PRIORITY APPLN. INFO.: US 2000-220134P P 20000721
OTHER SOURCE(S): MARPAT 136:135019

09/ 910,702

GI



I

AB 3-Amino-2-(4-aminocarbonyloxy)phenyl-propionic acid derivs. I wherein R is a carboxylic acid; R1 and R2 are independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, cycloalkyl, substituted cycloalkyl, or R1 and R2, together with the nitrogen atom to which they are attached, are joined to form an optionally substituted heterocyclic ring provided that said substituted alkyl, substituted alkenyl and substituted cycloalkyl do not carry an aryl, substituted aryl, heteroaryl or substituted heteroaryl group; Ra and R3 are independently a hydrogen or a Me group; R4 and R5 are independently selected from the group consisting of heteroatom group; n is zero or an integer 1; Alk is a straight or branched alkylene chain; Ar is an optionally substituted arom. or heteroarom. group, as well as their pharmaceutical use as .alpha.4.beta.7 Integrin inhibitors for the treatment of inflammatory diseases. Thus, 3-[4-(3,5-dichloropyrid-4-ylcarboxamido)phenyl]-2-(3-chlorophenylamino)propanoic acid was prepd. as .alpha.4 Integrin inhibitor. The preferred compds. of the invention generally have IC50 values in the .alpha.4.beta.1 and .alpha.a.beta.7 assays of 1 .mu.M and below. In the other assays featuring .alpha. integrins of other subgroups the same compds. had IC50 values of 50 .mu.M and above thus demonstrating the potency and selectivity of their action against .alpha.4 integrins. Title compds. were prepd. for treating an inflammatory condition in a mammalian patient which condition is mediated by Very Late Antigen 4 (VLA-4). Inflammatory condition is selected from the group consisting of asthma, Alzheimer's disease, atherosclerosis, AIDS dementia, diabetes, inflammatory bowel disease, multiple sclerosis, rheumatoid arthritis, tissue transplantation, tumor metastasis, meningitis, encephalitis, stroke, nephritis, retinitis, atopic dermatitis, psoriasis, myocardial ischemia and acute leukocyte-mediated lung injury.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:90023 CAPLUS

DOCUMENT NUMBER: **136:135018**

TITLE: Preparation of 3-(heteroaryl) alanine derivatives as inhibitors of leukocyte adhesion mediated by VLA-4

INVENTOR(S): Konradi, Andrei W.; Pleiss, Michael A.; Thorsett, Eugene D.; Ashwell, Susan; Welmaker, Gregory S.; Kreft, Anthony; Sarantakis, Dimitrios; Dressen, Darren B.; Grant, Francine S.; Semko, Christopher; Xu, Ying-Zi; Stappenbeck, Frank

PATENT ASSIGNEE(S): Elan Pharmaceuticals, Inc., USA; American Home Products Corporation

SOURCE: PCT Int. Appl., 132 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002008203	A2	20020131	WO 2001-US23097	20010720
WO 2002008203	A3	20020523		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2002052375	A1	20020502	US 2001-910466	20010719

PRIORITY APPLN. INFO.: US 2000-220131P P 20000721
OTHER SOURCE(S): MARPAT 136:135018
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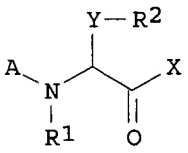


I

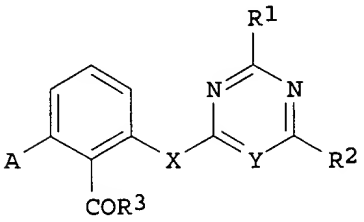
AB 3-(Heteroaryl)alanine derivs. I [A = an (un)substituted aryl, heteroaryl, cycloalkyl, or heterocyclic group; R2 = a nitrogen contg. (un)substituted, heteroaryl; Y = (CH2)m; m = 0 or 1; R1 = H, (un)substituted, alkyl, alkenyl, cycloalkyl, cycloalkenyl, aryl, heteroaryl, or heterocyclic; X = OH, (un)substituted alkoxy, alkenoxy, cycloalkoxy, cycloalkenoxy, aryloxy, heteroaryloxy, heterocyclyloxy, or NR3R3 [R3 = H, (un)substituted alkyl, alkenyl, cycloalkyl, aryl, heteroaryl, or heterocyclic]] were prepd. as inhibitors of leukocyte adhesion mediated by VLA-4. Compds. I have binding affinity to VLA-4 as expressed by an IC50 of about 15 .mu.M or less. Thus, N-[5-(2,2,2-trifluoroethyl)pyrimidin-4-yl]-DL-3-[5-(2,5-dimethoxyphenyl)pyridin-2-yl]alanine was prepd. by multistep procedure via coupling of DL-[5-(2,6-dimethoxyphenyl)pyridine-2-yl]alanine Et ester and 4,6-dichloro-5-(2,2,2-trifluoroethyl)pyrimidine.

L6 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:340728 CAPLUS
DOCUMENT NUMBER: **126:305589**
TITLE: Preparation of aryloxypyrimidines and related compounds as herbicides.
INVENTOR(S): Rheinheimer, Joachim; Vogelbacher, Uwe Josef; Baumann, Ernst; Mislitz, Ulf; Westphalen, Karl-Otto; Walter, Helmut
PATENT ASSIGNEE(S): BASF A.-G., Germany
SOURCE: Ger. Offen., 44 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19536809	A1	19970403	DE 1995-19536809	19951002
WO 9712879	A1	19970410	WO 1996-EP4204	19960926

W: CA, CN, JP, KR, US

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
EP 873318 A1 19981028 EP 1996-932599 19960926
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL
CN 1202158 A 19981216 CN 1996-198318 19960926
JP 2000500122 T2 20000111 JP 1997-513945 19960926
PRIORITY APPLN. INFO.: DE 1995-19536809 19951002
WO 1996-EP4204 19960926
OTHER SOURCE(S): MARPAT 126:305589
GI



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AB Title compds. [I; A = substituted 5-membered heteroaryl; X = O, S; Y = N, CH; R1, R2 = halo, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, alkylamino, dialkylamino; R3 = H, (substituted) 5-membered heteroaryl, succinyliminooxy, etc.], were prepd. Thus, 2,2-dimethyl-5-(2-methoxythiazol-5-yl)-4H-1,3-benzodioxin-5-one (prepn. given) was refluxed 4 h with NaOH and Bu4NOH in H2O and the product was stirred with KOCMe3 in Me2SO followed by addn. of 4,6-dimethoxy-2-methylsulfonylpyrimidine to give 2-(2,6-dimethoxypyrimidin-2-yloxy)-6-(2-methylthiazol-5-yl)benzoic acid. The latter at 0.0156 kg/ha postemergent gave 100% control of Amaranthus retroflexus.

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:69790 CAPLUS
DOCUMENT NUMBER: **126:89393**
TITLE: Preparation of diazathiabicycloalkanones and analogs as thrombin inhibitors
INVENTOR(S): Dimaio, John; Gillard, John W.; Siddiqui, M. Arshad; Bachand, Benoit; Doherty, Annette Marian; Edmonds, Jeremy John
PATENT ASSIGNEE(S): Biochem Pharma Inc., Can.; Dimaio, John; Gillard, John W.; Siddiqui, M. Arshad; Bachand, Benoit; Doherty, Annette Marian; Edmonds, Jeremy John
SOURCE: PCT Int. Appl., 87 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9637497	A1	19961128	WO 1996-CA318	19960522
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
CA 2218816	AA	19961128	CA 1996-2218816	19960522
AU 9656825	A1	19961211	AU 1996-56825	19960522
ZA 9604090	A	19970513	ZA 1996-4090	19960522

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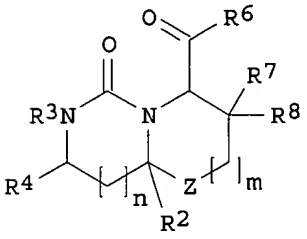
EP 846120 A1 19980610 EP 1996-914817 19960522
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI
JP 11505260 T2 19990518 JP 1996-535221 19960522
PRIORITY APPLN. INFO.: GB 1995-10264 A 19950522
WO 1996-CA318 W 19960522
OTHER SOURCE(S): MARPAT 126:89393
GI



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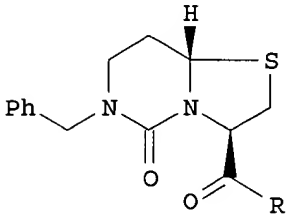

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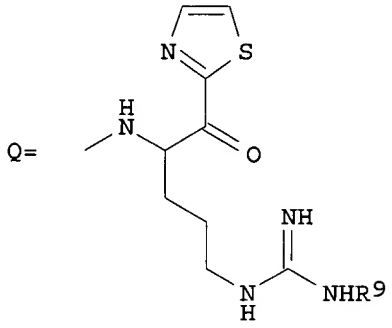

AB Title compds. [I; R2 = H, NH2, (ar)alkyl, etc.; R3,R4 = H, NR6R7, alkyl, aryl, etc.; R6 = polar amino acid residue, arginyl, etc.; R7,R8 = H or alkyl; Z = CHR5, O, SO0-2, etc.; R5 = H, alkyl, aryl, etc.; m,n = 0-2] were prepd. Thus, oxothiazolopyrimidinecarboxylate II (R = OH)(prepn. given) was amidated by HR1 (R1 = arginine residue Q, R9 = CO2CH2Ph) to give, after deprotection, diastereomers of II (R = Q, R9 = H). Data for in vitro biol. activity of I were given.

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1993:613908 CAPLUS
DOCUMENT NUMBER: **119:213908**
TITLE: Silver halide photographic material
INVENTOR(S): Fukuwa, Junichi; Kobayashi, Akira; Goto, Kenji
PATENT ASSIGNEE(S): Konica Co., Japan
SOURCE: Can. Pat. Appl., 71 pp.
CODEN: CPXXEB
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2065106	AA	19921005	CA 1992-2065106	19920403
JP 05197057	A2	19930806	JP 1992-110787	19920403

PRIORITY APPLN. INFO.: JP 1991-99626 19910404
OTHER SOURCE(S): MARPAT 119:213908

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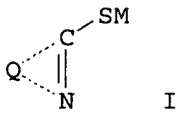

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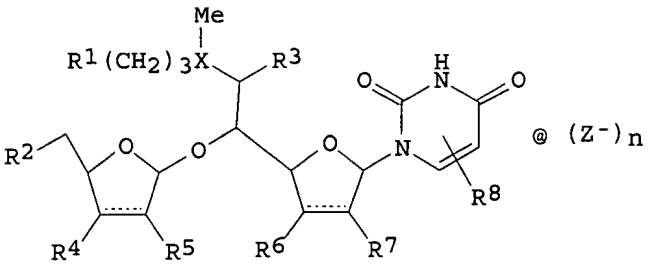
AB A Ag halide photog. material for high-contrast dot image formation is disclosed. The material comprises a support and provided thereon a Ag halide emulsion layer and layers adjacent to the emulsion layer. The emulsion is subjected to desalinization comprising using denatured gelatin in the process of prepn. thereof. At least one of the layers contains a hydrazine deriv. and a compd. selected from the group consisting of those represented by formulas A(CH2)nSC(:N+HR1)NHR1 X- (A = OH, SO3-, or N(R2)2; R1 = H, (substituted) alkyl having 1-5 C atoms, or (substituted) Ph; R2 = (substituted) alkyl having 1-5 C atoms; X- = an anion), (R3)2N(CH2)nSC(S)N(R4)2 (R3 = H, (substituted) alkyl having 1-5 C atoms, or (substituted) aryl; R4 = (substituted) alkyl having 1-5 C atoms or (substituted) Ph; n = an integer of 2-5), or I (Q = a group of atoms necessary to form a 5- or 6-membered heterocyclic ring which may be condensed with a benzene or heterocyclic ring; M = H, an alkali metal atom, an ammonium group, or an amine residue).

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1993:560727 CAPLUS
DOCUMENT NUMBER: **119:160727**
TITLE: Preparation of uronic acid (FR-900493) derivatives as antibacterial agents
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 57 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05078385	A2	19930330	JP 1991-196172	19910225

PRIORITY APPLN. INFO.: GB 1990-4407 19900227
OTHER SOURCE(S): MARPAT 119:160727
GI



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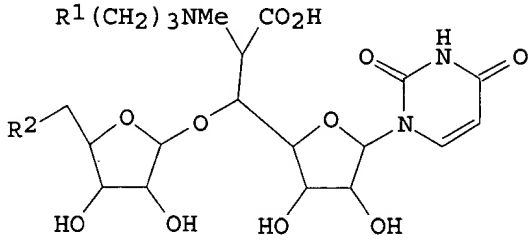

II

AB The title compds. [I; R1, R2 = (un)substituted NH2; R3 = (un)protected CO2H; R4 = H, OR9; R5 = H, OR10; R6 = OR11; R7 = H, R12; R9 - R12 = H, HO-protective group, or R9R10, R11R12 = (un)substituted lower alkylene; R8 = H, halo; X = N, N+R13; R13 = lower alkyl; Z = acid residue; n = 0,1; provided that when X = N+R13, R3 = protected CO2H and n = 1 or R3 = CO2H and n = 0] are prepd. Thus, 0.52 g di-tert-Bu dicarbonate and 25 mL H2O were added to a soln. of 1.04 g FR-900493 (II; X = X1 = H) in 15 mL 1,4-dioxane and then the mixt. was stirred at room temp. for 10 h to give, after column chromatog. using Diaion HP-20, II (R1 = H2N, R2 = Me3CO2CNH). II [R1 = 4-[Me(CH2)7O]C6H4CH2CONH, R2 = H2N] showed min. inhibitory concn. of 6.25 and 12.5 .mu.g/mL against Staphylococcus aureus and Escherichia coli, resp. A total of 178 I including their salts were prepd.

L6 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1993:560110 CAPLUS
DOCUMENT NUMBER: **119:160110**
TITLE: Thiourea derivatives and methods for inhibition of HIV and related viruses
INVENTOR(S): Lind, Peter Thomas; Morin, John Michael, Jr.; Noreen, Rolf; Ternansky, Robert John
PATENT ASSIGNEE(S): Medivir AB, Swed.
SOURCE: PCT Int. Appl., 550 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9303022	A1	19930218	WO 1992-SE533	19920803
W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
IL 102548	A1	19980816	IL 1992-102548	19920717
AU 9220451	A1	19930311	AU 1992-20451	19920721
AU 657978	B2	19950330		
CZ 282900	B6	19971112	CZ 1992-2288	19920722
NO 9202949	A	19930203	NO 1992-2949	19920724

ZA 9205663	A	19940128	ZA 1992-5663	19920728
ES 2051641	A1	19940616	ES 1992-1601	19920729
ES 2051641	B1	19951001		
CN 1069882	A	19930317	CN 1992-110630	19920730
RU 2106341	C1	19980310	RU 1992-5052783	19920730
CA 2075173	AA	19930203	CA 1992-2075173	19920731
JP 05320138	A2	19931203	JP 1992-225218	19920731
AU 9224074	A1	19930302	AU 1992-24074	19920803
EP 540143	A2	19930505	EP 1992-307092	19920803
EP 540143	A3	19950104		
R: AT, BE, CH, DE, DK, FR, GB, IE, IT, LI, LU, NL, PT, SE				
NO 9301337	A	19930203	NO 1993-1337	19930407
NO 9301338	A	19930203	NO 1993-1338	19930407
NO 9301339	A	19930203	NO 1993-1339	19930407
NO 9301340	A	19930203	NO 1993-1340	19930407
US 5593993	A	19970114	US 1995-395702	19950228
US 5658907	A	19970819	US 1995-455347	19950531
US 5714503	A	19980203	US 1995-455217	19950531

PRIORITY APPLN. INFO.:	US 1991-739927	A	19910802
	NO 1992-2949	A1	19920724
	US 1992-921890	B2	19920729
	WO 1992-SE533	A	19920803
	US 1993-11940	B3	19930201
	US 1995-395702	A3	19950228

OTHER SOURCE(S): MARPAT 119:160110

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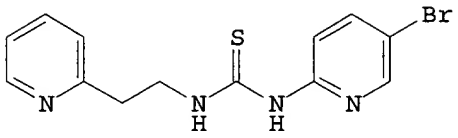

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AB A method for the inhibition of the replication of HIV is claimed that comprises contacting HIV with thiourea derivs. Among the specifically claimed compds. is N-[2-(2-pyridyl)ethyl]-N'-(5-bromo-2-pyridyl)thiourea (I).

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(FILE 'HOME' ENTERED AT 15:11:42 ON 30 JAN 2003)

FILE 'REGISTRY' ENTERED AT 15:11:52 ON 30 JAN 2003
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1 FUL

FILE 'MARPAT' ENTERED AT 15:12:55 ON 30 JAN 2003
L4 1 S L1
L5 7 S L1 FUL

FILE 'CAPLUS' ENTERED AT 15:14:36 ON 30 JAN 2003
L6 7 S L5

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	17.32	271.43

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.56	-4.56

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